

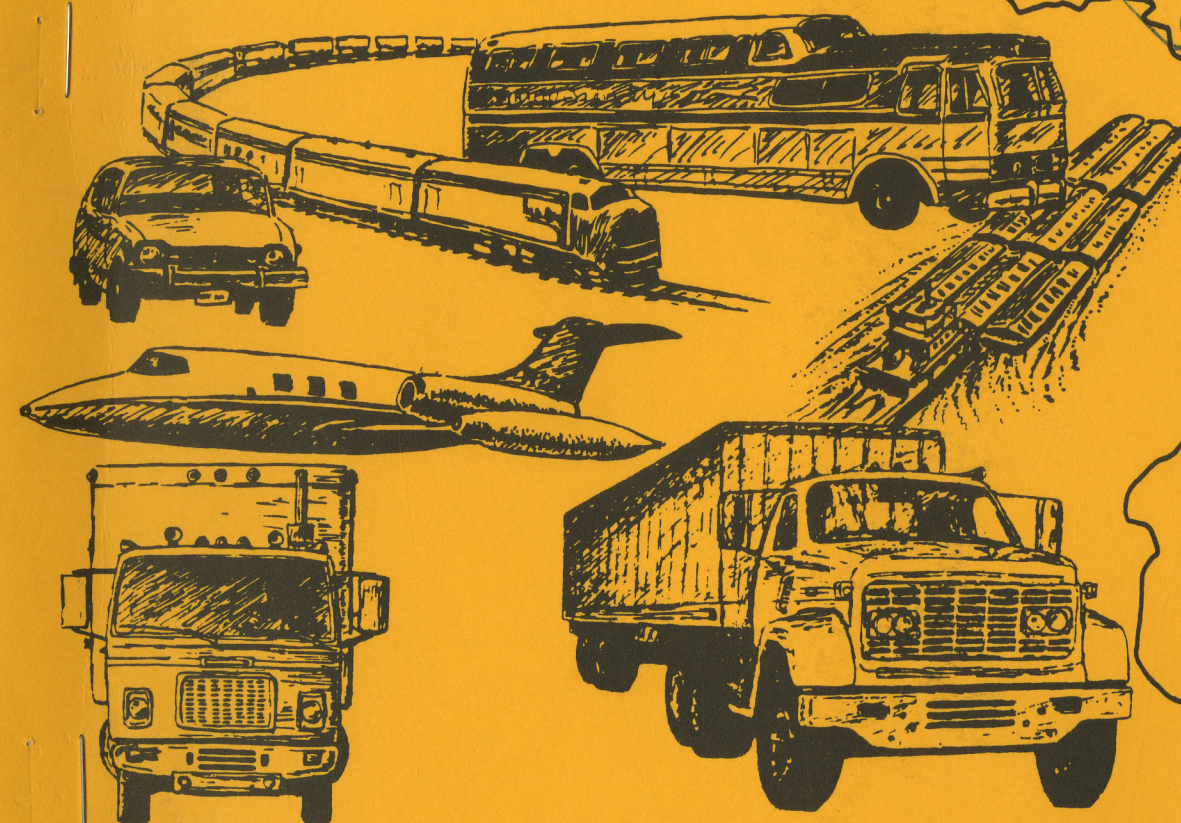


Transportation Analysis

TA-M375

TH 169 from 93rd Ave. N. to CSAH 12

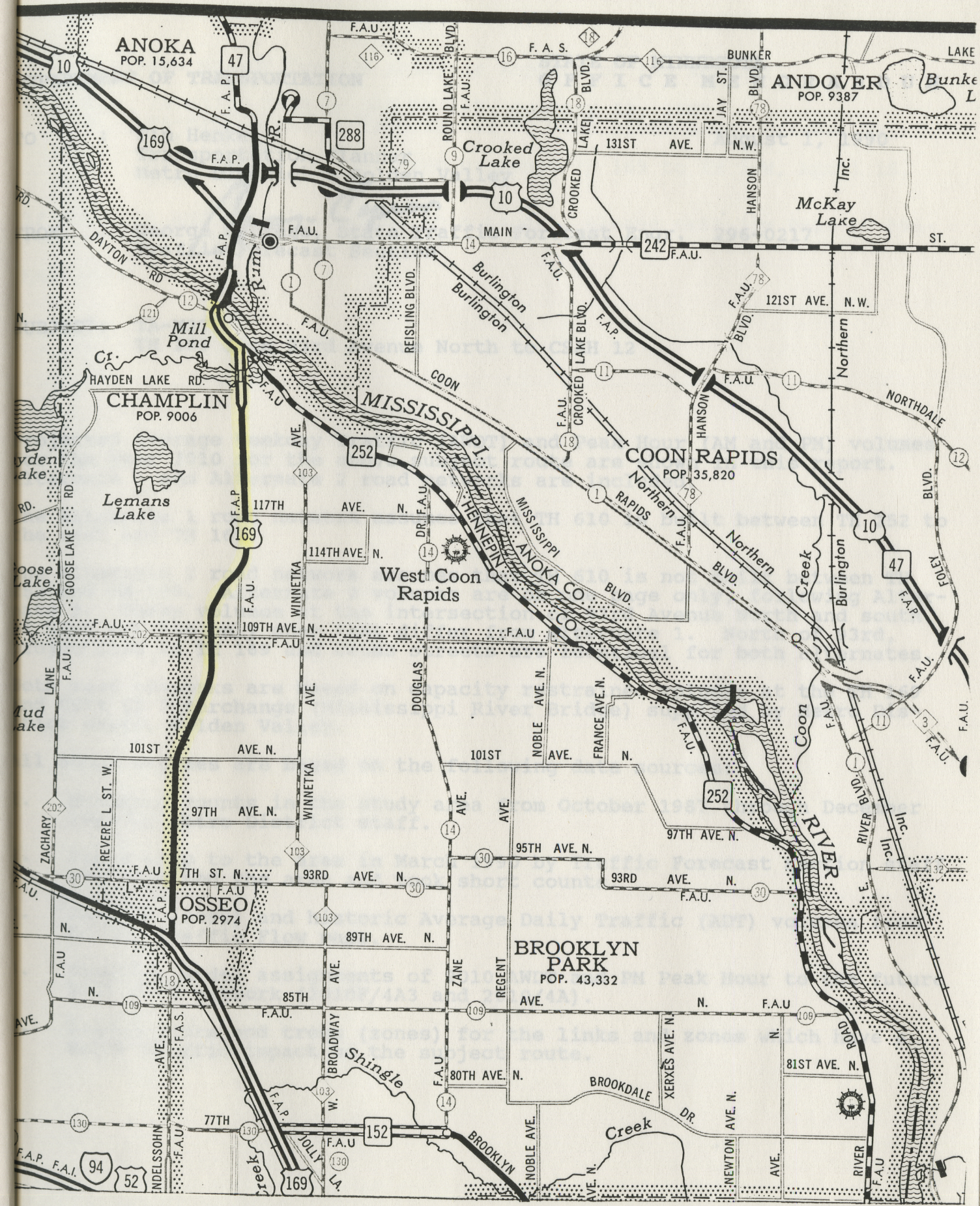
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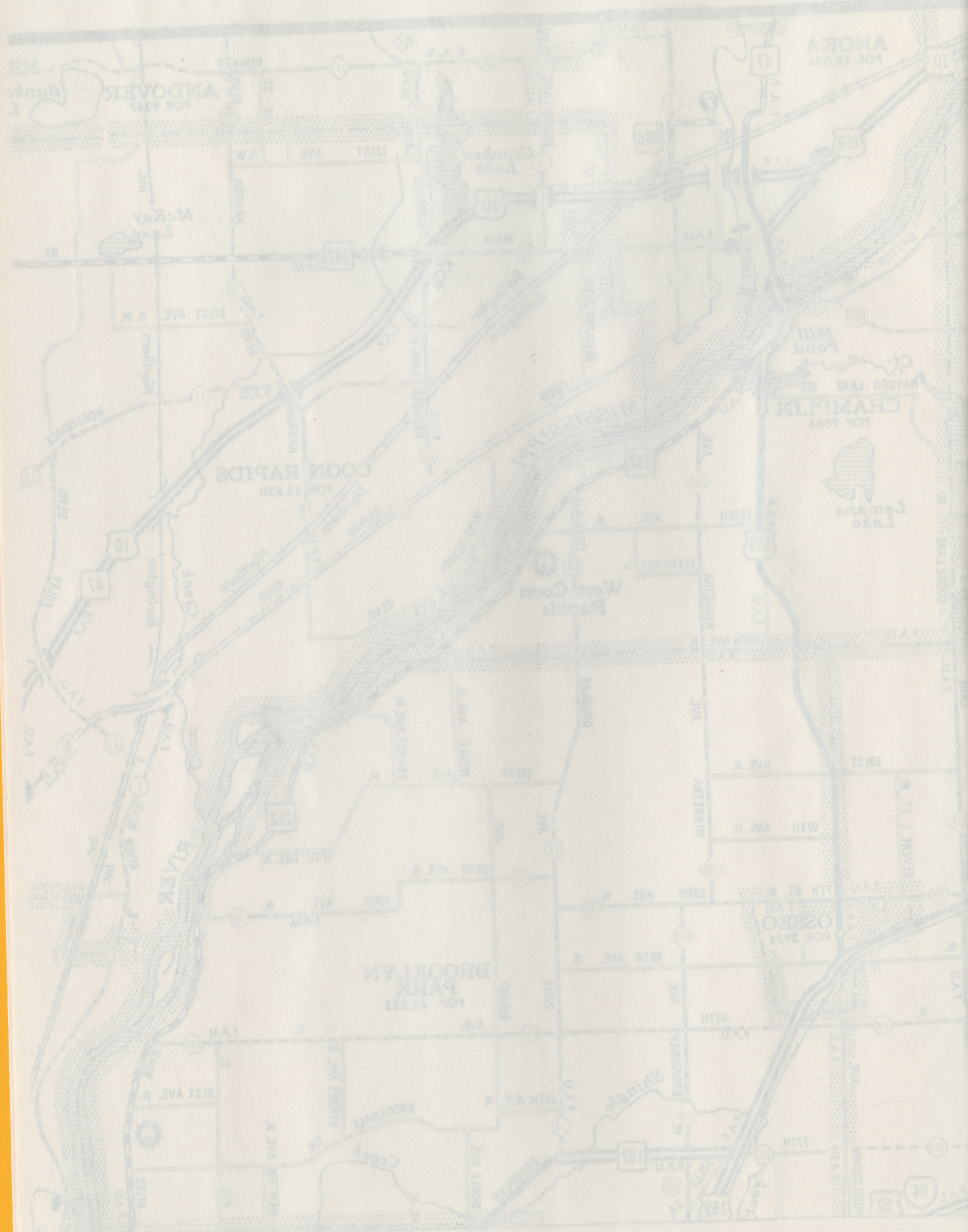


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PREPARED BY
THE MINNESOTA DEPARTMENT OF TRANSPORTATION
PROGRAM MANAGEMENT DIVISION
TRAFFIC FORECASTS SECTION







DEPARTMENT OF TRANSPORTATION

STATE OF MINNESOTA
OFFICE MEMORANDUM

TO : Tim Henkel
Transportation Planner
Metro District - Golden Valley

August 1, 1990

FROM : George Cepress, State Traffic Forecast Engr. 296-0217
Traffic Forecast Section

SUBJECT: TA-M375
TH 169 from 93rd Avenue North to CSAH 12

Projected Average Weekday Traffic (AWDT) and Peak Hour (AM and PM) volumes for the year 2010 for the above subject route are shown in this report. Alternate 1 and Alternate 2 road networks are included.

The Alternate 1 road network assumes that TH 610 is built between TH 252 to the east and TH 169.

The Alternate 2 road network assumes that TH 610 is not built between TH 252 and TH 169. Alternate 2 volumes are on one page only, following Alternate 1. These volumes at the intersection of 93rd Avenue North and south of 93rd are the only ones that differ from Alternate 1. North of 93rd, projections on TH 169 and cross streets are identical for both alternates.

Both road networks are based on capacity restrained volumes at the TH 169 and CSAH 12 interchange (Mississippi River Bridge) supplied by Metro District staff, Golden Valley.

All other volumes are based on the following data sources:

- Numerous counts in the study area from October 1987 through December 1989 by Metro District staff.
- Field trip to the area in March 1990 by Traffic Forecast Section staff who examined the area and took short counts.
- Present (1988) and historic Average Daily Traffic (ADT) volumes from Mn/DOT Traffic Flow maps.
- Computer model assignments of 2010 AWDT and PM Peak Hour to the future 2010 road network (2010F/4A3 and 2010/4A).
- Loaded links and trees (zones) for the links and zones which have a major traffic impact on the subject route.

STATE OF MINNESOTA
OFFICE MEMORANDUM

August 1, 1990

Tim Henkel
Transportation Planner
Metro District - Golden Valley

George C. Pless, State Traffic Forecast Engr.
Traffic Forecast Section

SUBJECT: TA-M375
TH 169 from 93rd Avenue North to CSAH 12

Projected Average Weekday Traffic (AWDT) and Peak Hour (AM and PM) volumes for the year 2010 for the above subject route are shown in this report. Alternates 1 and Alternates 2 road networks are included.

Alternate 1 road network assumes that TH 610 is built between TH 222 to east and TH 169.

Alternate 2 road network assumes that TH 610 is not built between TH 222 and TH 169. Alternate 2 volumes are on one page only, following Alternate 1. These volumes at the intersection of 93rd Avenue North and south are the only ones that differ from Alternate 1. North of 93rd, sections on TH 169 and cross streets are identical for both alternates.

Road networks are based on capacity restrained volumes at the TH 169 CSAH 12 interchange (Mississippi River Bridge) supplied by Metro District staff, Golden Valley.

Other volumes are based on the following data sources:

Numerous counts in the study area from October 1987 through December 1989 by Metro District staff.

Field trip to the area in March 1990 by Traffic Forecast Section staff who examined the area and took short counts.

Present (1988) and historic Average Daily Traffic (ADT) volumes from Mn/DOT Traffic Flow maps.

Computer model assignments of 2010 AWDT and PM Peak Hour to the future 2010 road network (2010/4A2 and 2010/4A).

Loaded links and trees (zones) for the links and zones which have a major traffic impact on the subject route.

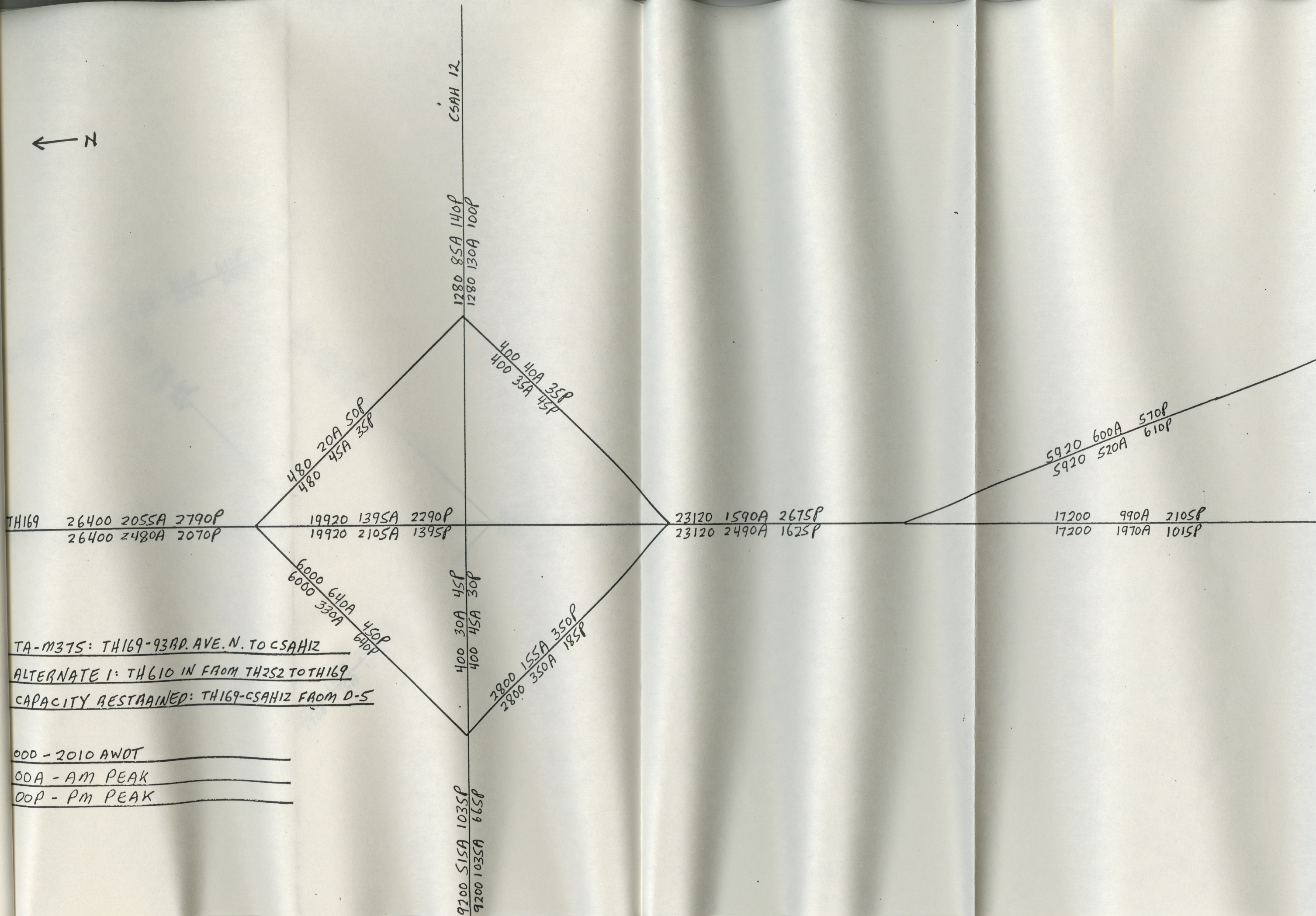
6. Previous Mn/DOT Traffic Analysis Reports on the subject:

- a. TA-M370, CSAH 12 and TH 169, January 12, 1989.
- b. TA-M355, CSAH 30 from TH 169 to West River Road, October 21, 1987.
- c. TA-M329, TH 10, 610 from proposed TH 169 to TH 35W, April 18, 1985.

If you have any questions about this report, please call Jim Page at 296-1626 or Cathy Erickson at 296-8533.

Enclosure

← N



TA-M375: TH169-93RD. AVE. N. TO CSAH12

ALTERNATE 1: TH610 IN FROM TH252 TO TH169

CAPACITY RESTRAINED: TH169-CSAH12 FROM D-5

H →

W. RIVER ROAD

HAYDEN LAKE
ROAD

600A 570P 610P
520A 610P
6470 660A 610P
6470 560A 670P
550 40A 60P
550 60A 40P

200 990A 2105P
00 1970A 1015P

17750 1030A 2165P
17750 2030A 1055P

200 25A 15P
200 10A 25P

16500 910A 2055P
16500 1955A 915P

1050 95A 95P
1050 65A 115P

800 40A 80P
800 40A 110P

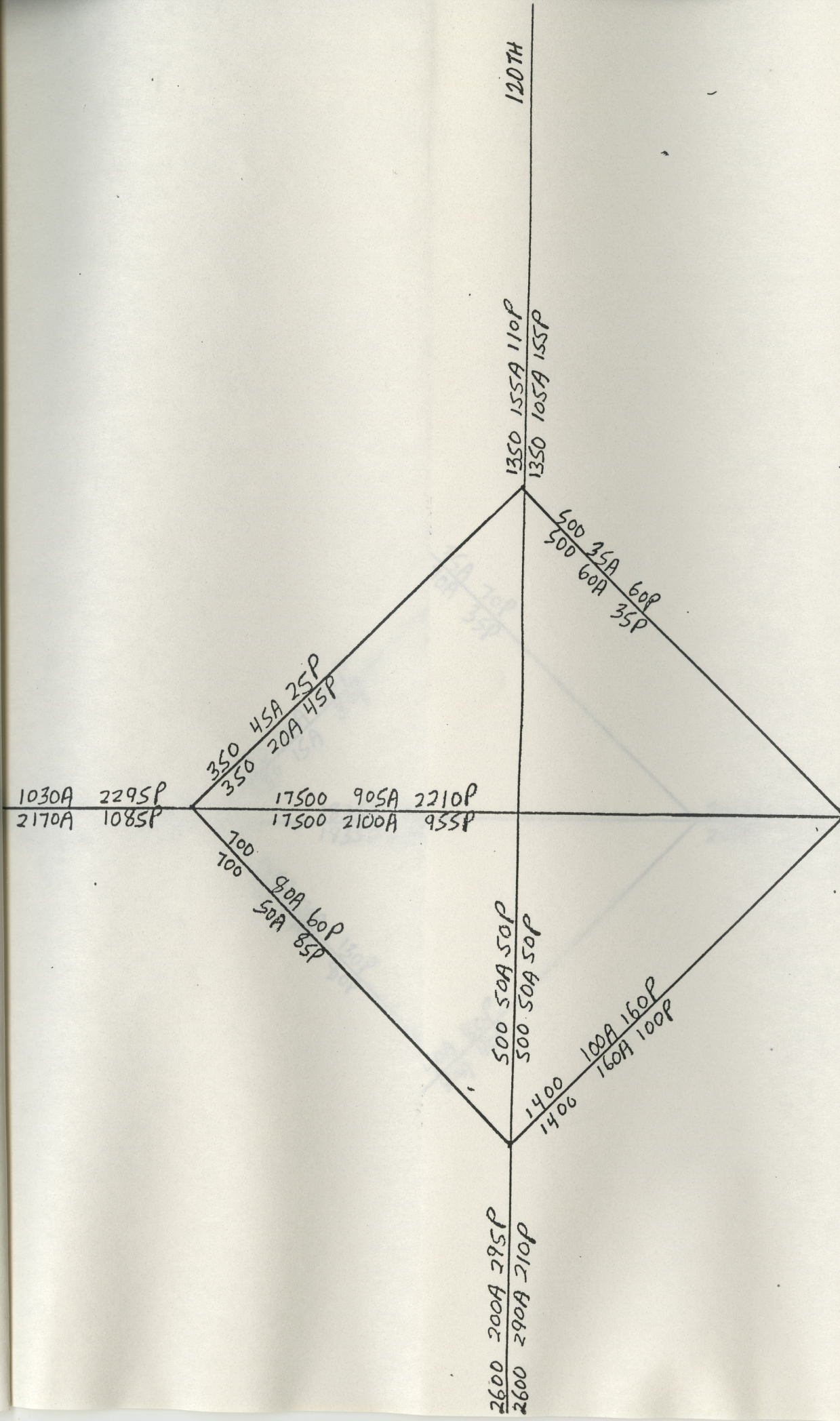
1700 100A 200P
1700 175A 150P

2550 205A 395P
3550 310A 355P

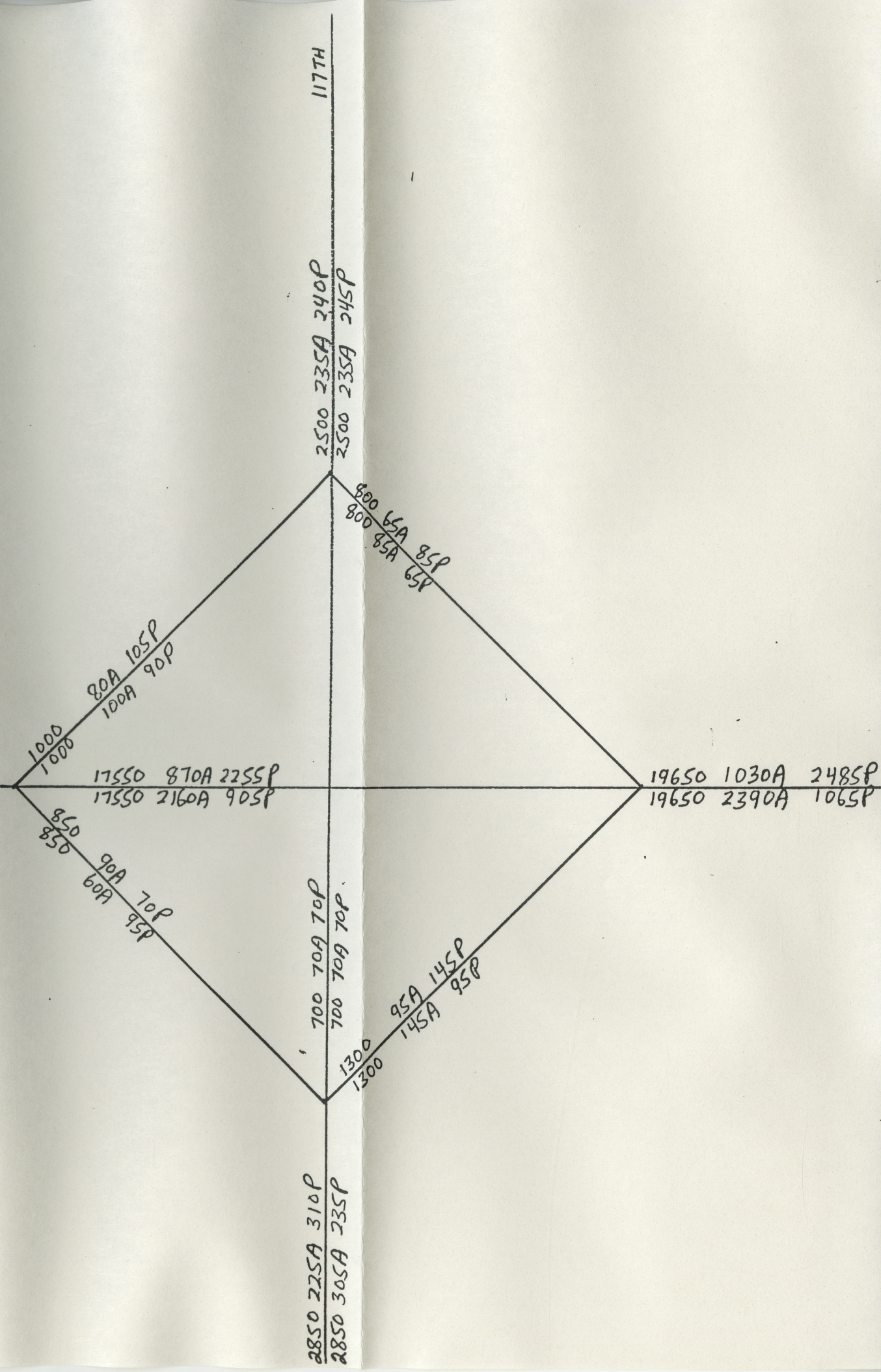
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1350 70A 175P

350 20A 40P
350 40A 20P

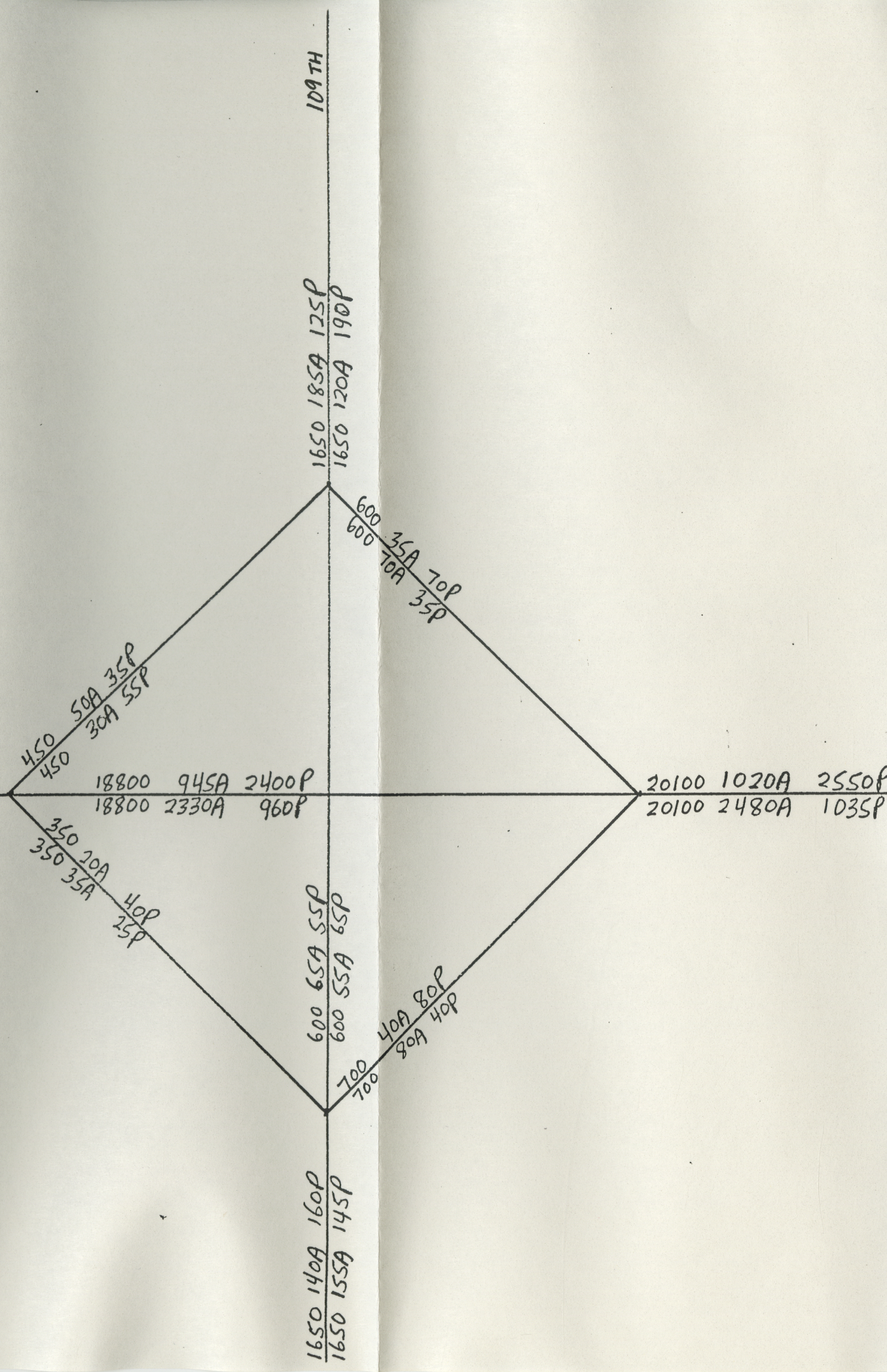
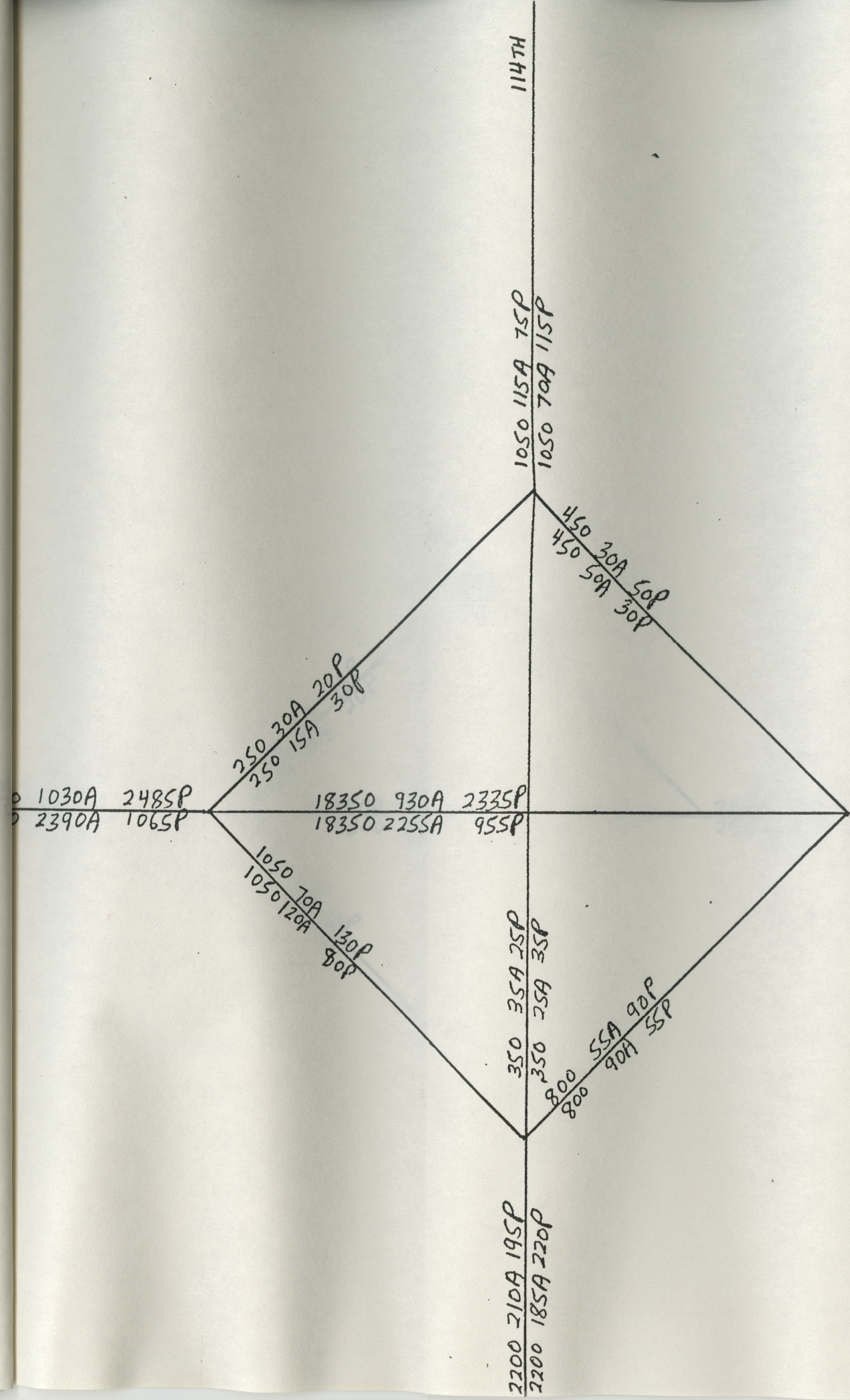
18550 1030A 2295P
18550 2170A 1085P

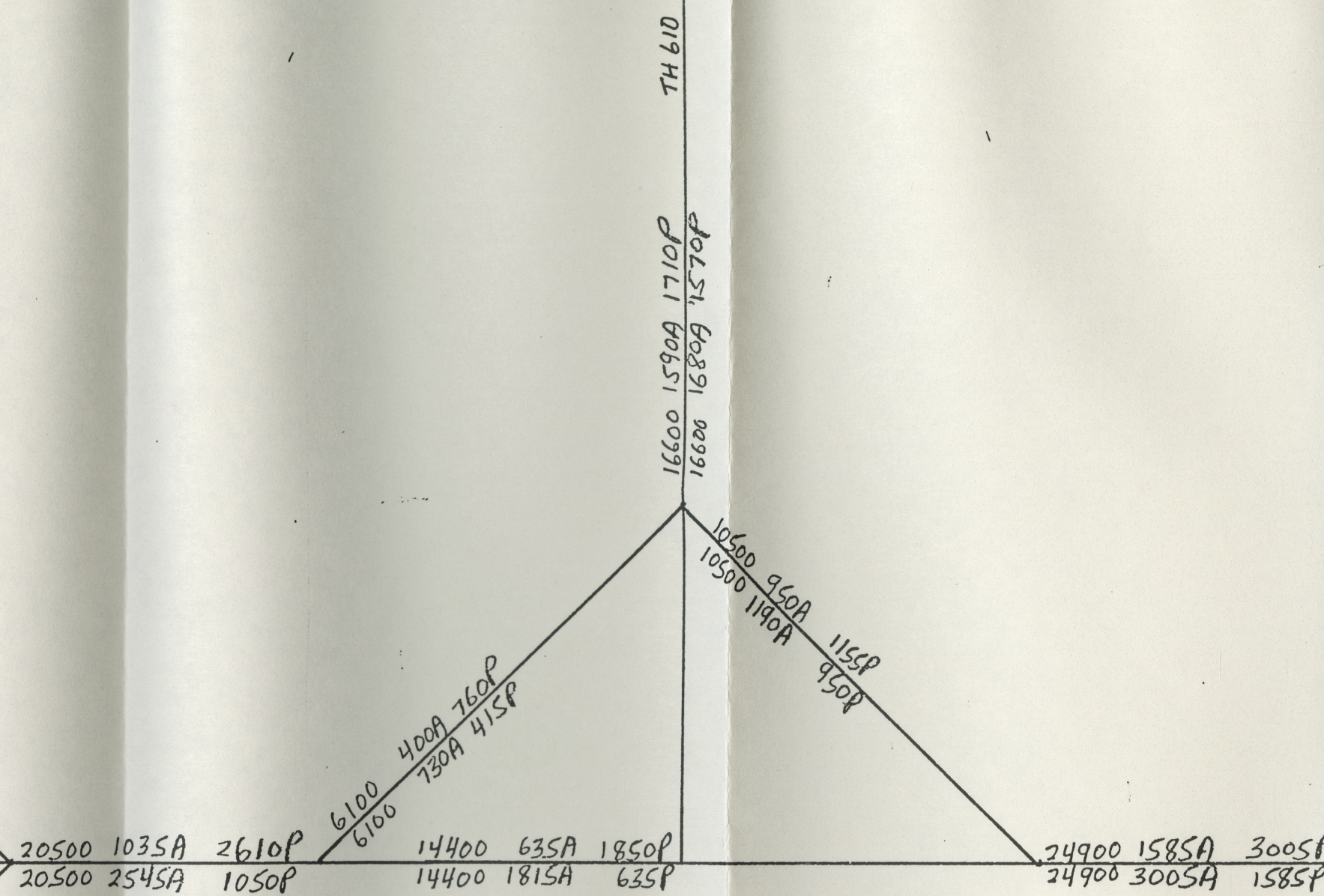
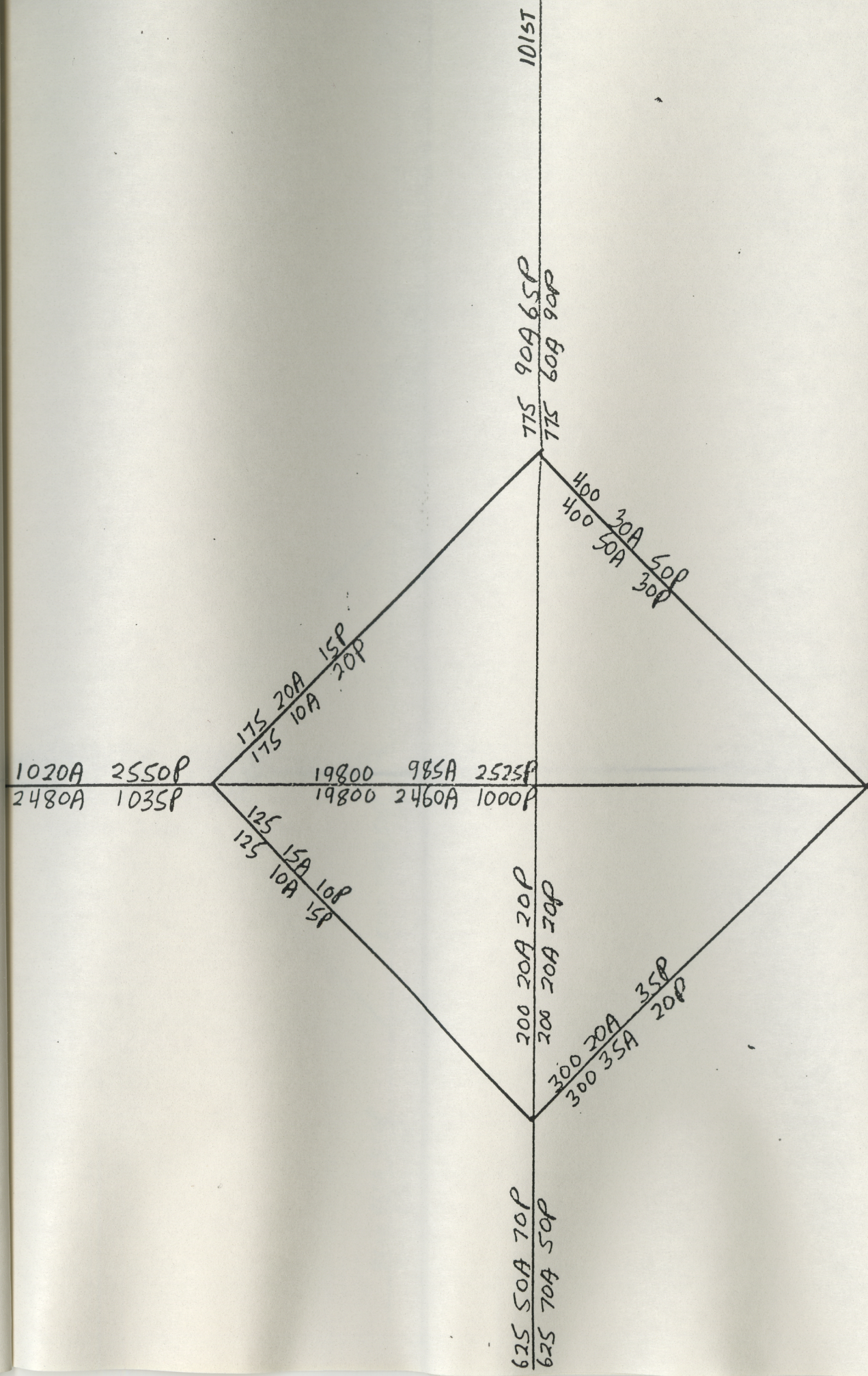


19400 1040A 2430P
19400 2320A 1090P



92PSS AOB
72801 AOB





90225 AOB
92801 AOB

24900 158SA 300SP
24900 300SA 158SP

900 7SA 95P
900 9SA 75P

19400 1100A 240SP
19400 240SA 1100P

4600 410A 60SP
4600 50SA 410P

8600 86SA 850P
8600 850A 86SP

2000 190A 220P
2000 220A 190P

2000 170A 220P
2000 220A 170P

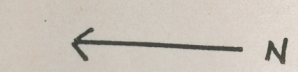
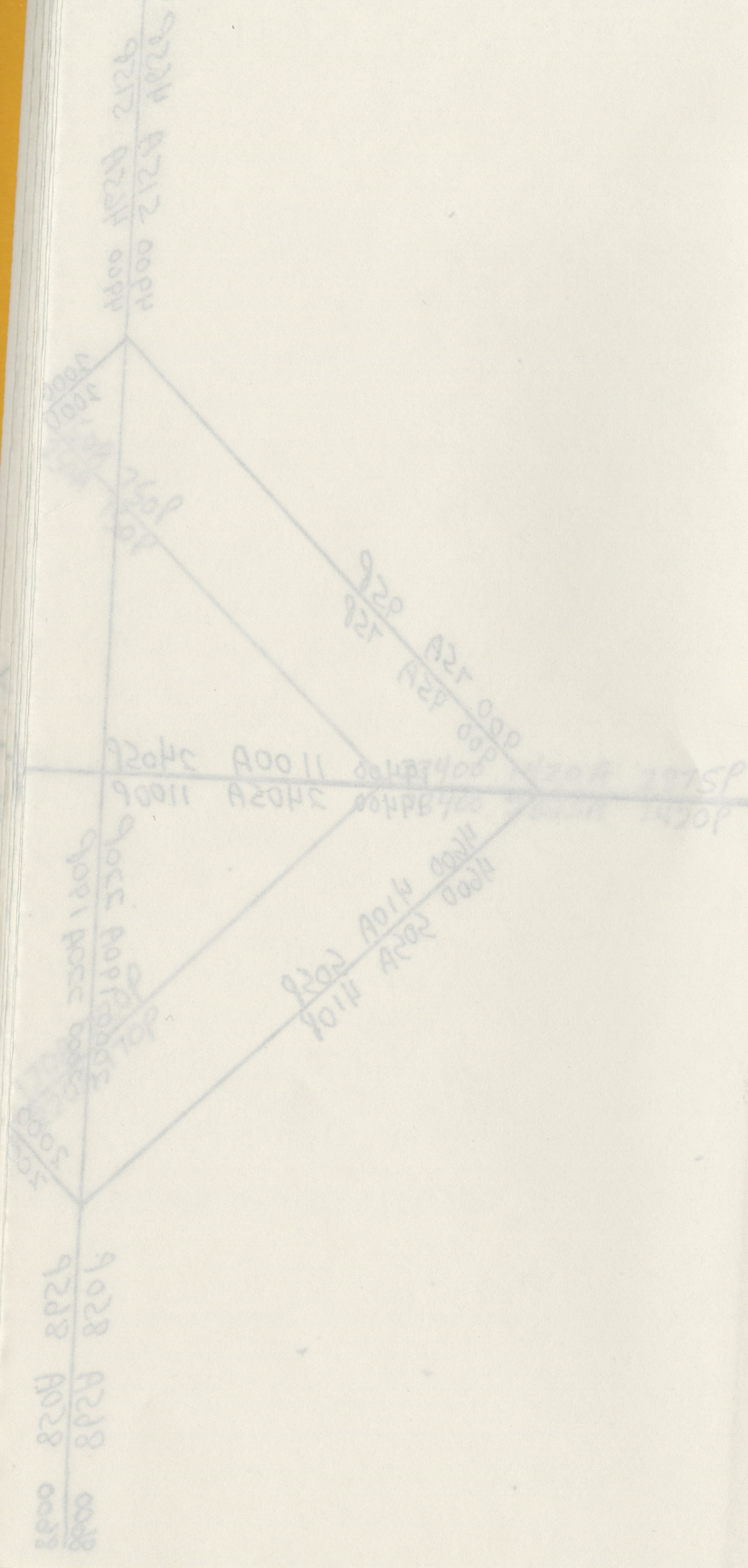
4900 515A 46SP
4900 46SA 515P

2000 150A 250P
2000 250A 150P

93RD

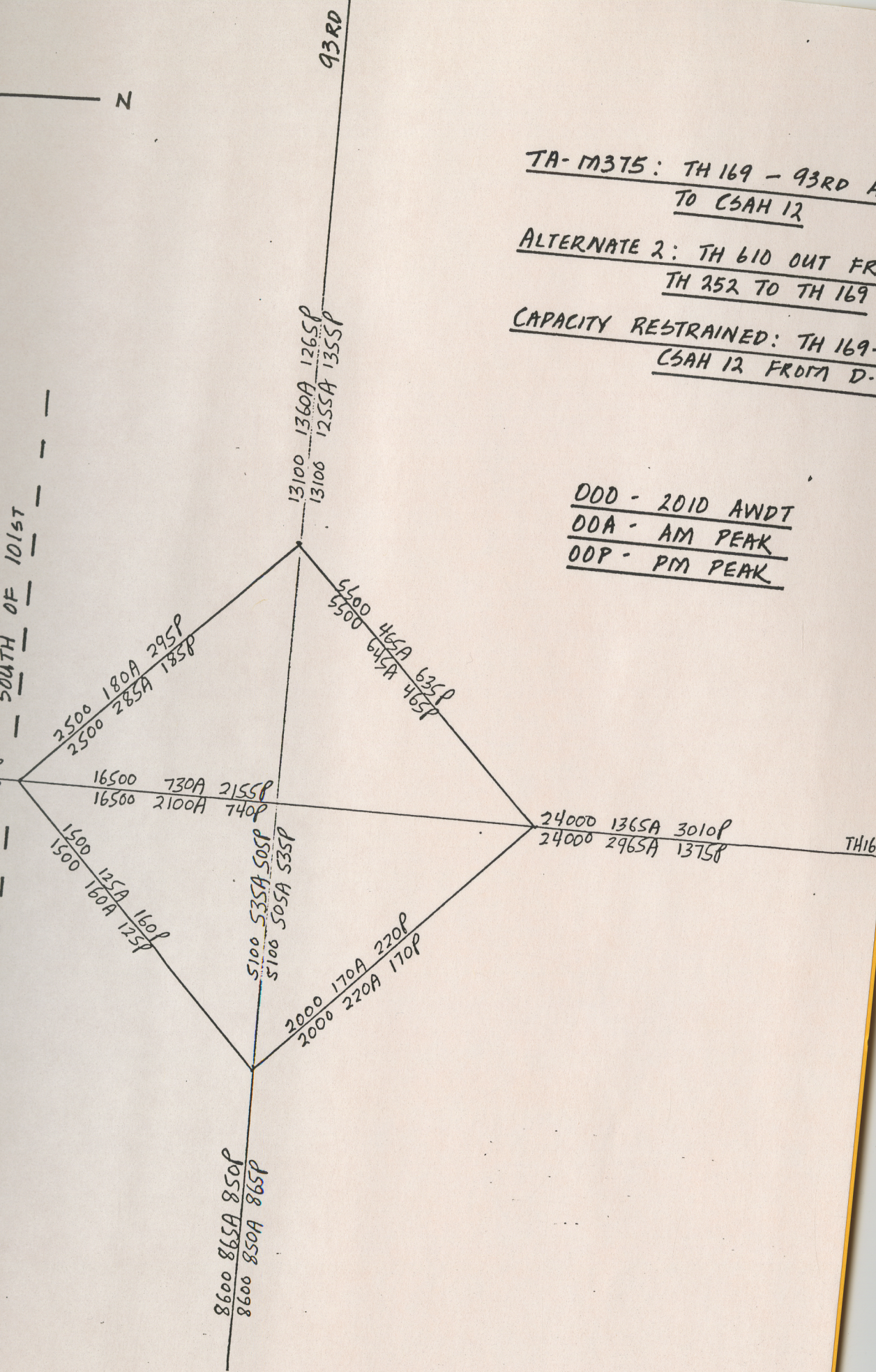
23400 1420A 287SP
23400 287SA 1420P

TH 169



SOUTH OF 101ST

MATCH LINE WITH ALT. 1



TA-M375: TH 169 - 93RD AVE
TO CSAH 12
ALTERNATE 2: TH 610 OUT FROM
TH 252 TO TH 169
CAPACITY RESTRAINED: TH 169-
CSAH 12 FROM D-5

ODD - 2010 AWD
ODA - AM PEAK
ODP - PM PEAK